

DEPARTMENT OF FOOD AND AGRICULTURE

Division of Measurement Standards
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A.G. KAWAMURA, Secretary



DMS NOTICE
D-07-3

April 10, 2007

Discard: Retain

TO WEIGHTS AND MEASURES OFFICIALS

SUBJECT: Fuel Temperature Survey

In response to excellent feedback concerning the survey of fuel temperatures (D-07-1) we have made modifications that should improve the quality of the data. Please read these additional comments in conjunction with D-07-1.

Some counties have offered to enter their own data so we will be providing an online web enabled form for this use in the near future. The web form requires the official's name for each form and the county will have a single space to separately enter the total number of locations in the county that offer fuel to retail customers. If the data is entered via the web form, it will not be necessary for you to send the form to DMS. Instead, we request that you retain the forms; in this way ensuring that the same survey data is not entered twice. Please submit any forms already collected and begin using the enclosed revised form dated 4/2007 as quickly as possible.

We are recommending that each jurisdiction try to sample temperatures at only 20% of their total locations, selecting an approximately equal number during each month of the year. Many counties do not test an equal number of dispensers in each month of the year, so based on the number of locations entered; the program will recommend a specific number to be surveyed during each month of this study.

Some counties have also indicated they do not have a sufficient number of traceable thermometers and probes suitable for use with fuels and the Metrology lab cannot set up to certify thermometers at will. It is recommended that newly acquired thermometers should be compared to another traceable thermometer in the county's possession, in liquid, at two separate temperatures. If they agree within 1 degree F at both temperatures, they can be used to record test data for this survey until the Metrology Laboratory is ready to test and certify the thermometers. If you purchase thermometers to be certified in the future, the Metrology Laboratory strongly suggests you avoid dial thermometers, spirit filled thermometers, and electronic thermometers with permanently attached probes.

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We still request that the temperatures for lowest octane, highest octane, and diesel be recorded when these products are available; a revised form is attached for field use. We also would like to record tank monitoring temperatures from station operators for these same products if available during the visit.

If you would like assistance or have additional comments or questions, please contact your regional Device Program representative.

Sincerely,

A handwritten signature in dark ink, reading "Dennis R. Johannes". The signature is written in a cursive style with a large, stylized "D" at the beginning.

Dennis R. Johannes
Director

Enclosure

cc: Ed Williams, Director, County Liaison Office
Regional Device Specialists

California Fuel Temperature Survey

April 1, 2007 – March 31, 2008

County:

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[illegible]

Return a copy to DMS for data entry or enter data through the web enabled form and retain

Official's Name (please print)